



FIG. 1A



FIG. 1B

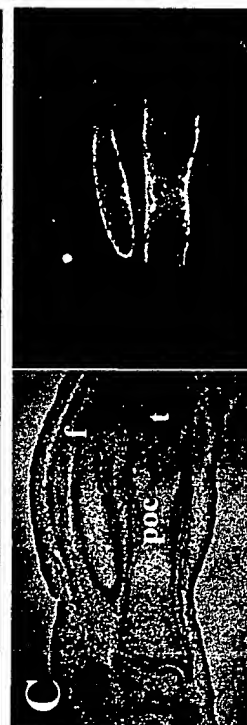


FIG. 1C

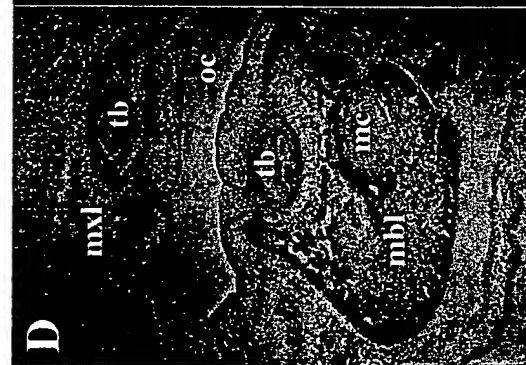


FIG. 1D



FIG. 1E



FIG. 1F

Osterix	IHSCHIPGCGKVGKASHLKAHLRWHTGERPFVCNWLFCGKRFTRSDELERHVTRHTREKKFTCLLCSKRFTRSDDLKSHKHQTHG	
SP3	Q-----T-R-----S-----I-M-----Q-R-----G-----V-PE-----M-----A-IK--Q	77.8%
SP4	Q-V--E-----T-R-----I-M-----Q-R-----G-R-E-PE-----M-----VK--Q	77.8%
SP1	Q-I--Q-----T-R-----M--SY-----Q-K-----G-----A-PE-P-----M-----IK--Q	77.6%
SP2	K-V--D--TFR-T-L-R-V-L-----F-----Q-A-----GD-R-E-AQ-Q-----M-----T--YK--L	69.4%
FKLF-2	K-K--YA-E-----S-----T-----A-S-QE-N-K-A-----A-Y-----G-----S-PI-E-----M-----T--A-R-A	69.4%
BTEB-1	R-K-PYS-----S-----Y-V-----P-T-PD-L-K-S-----T-Y-----G-Q-R-P-E-----M-----T--A-R-T	68.2%
TIEG1	S-I-SH-----T-F-S-----V-T-----K-S-S-KG-ER-A-----S-R-----G-----A-PM-DR-----M-----T--A-R-L	64.7%
TIEG2	NYV-SF--R-T-F-S-----T-----K-N-S-S-DG-D-K-A-----S-R-----G-----V-PV-DR-----M-----T--A-R-M	63.5%
AP-2rep	--R-DFE-N--T-S-----R-T-----K-YK-T-EG-TWK-G-----T-Y-K-GV-P-K-AD-DR-S-----AL-R-R-M	57.6%
IKLF	--F-DYN-T--T-S-----T-----K-YK-T-EG-DW-A-----T-Y-K-GA-P-Q-MV-QRS-S-----AL-MKR-Q	57.6%
EKLF	A-T-GHE-----S-S-S-----T-----K-YA-S-S-DG-DW-A-----T-Y-K-GHRP-C-G-PRA-S-----AL-MKR-L	56.5%
LKLF	T-T-SYTN--T-T-S-----T-----K-YH--EG--WK-A-----T-Y-K-GHRP-Q-H-DRA-S-----AL-MKR-M	56.5%
ZF9	V-R--FN--R--T-S-----Q-T-----K-YR-S-EG-EW-A-----T-F-K-GA-P-K-SH-DRC-S-----AL-MKR-L	56.5%
GKLF	T-T-DYA-----T-T-S-----T-----K-YH-D-DG--WK-A-----T-Y-K-GHRP-Q-QK-DRA-S-----AL-MKR-F	55.3%
BKLF	--R-DYD-N--T-S-----R-T-----K-YK-T-EG-TWK-A-----T-F-K-GI-P-Q-PD-DRS-S-----AL-RKR-M	55.3%

FIG. 2B

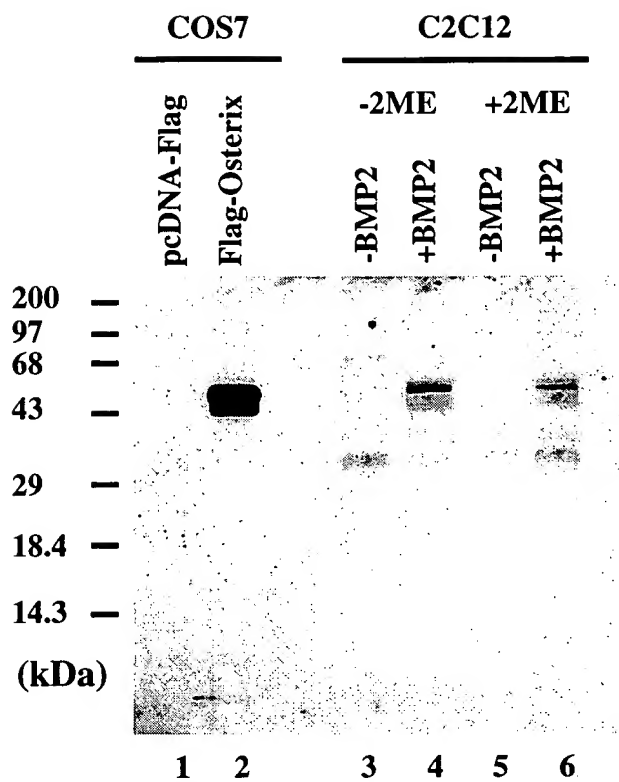


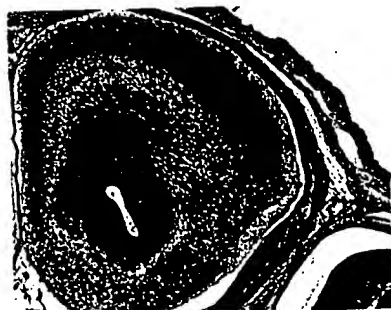
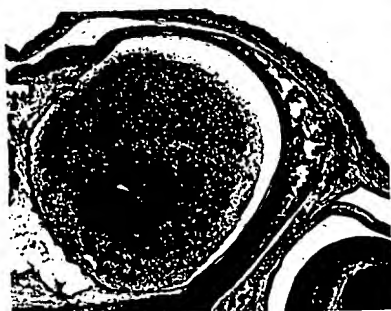
FIG. 3

Skull E16.5

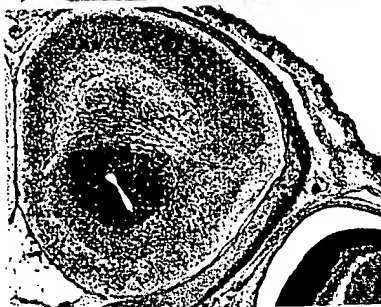
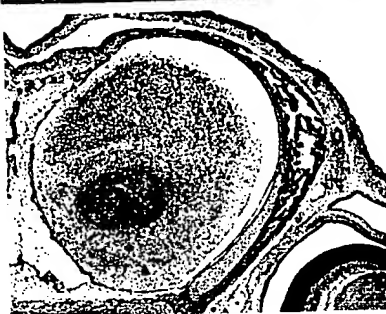
Osterix $+/+$

Osterix $-/-$

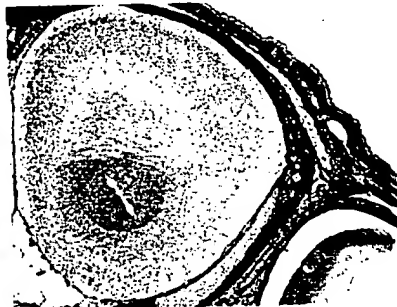
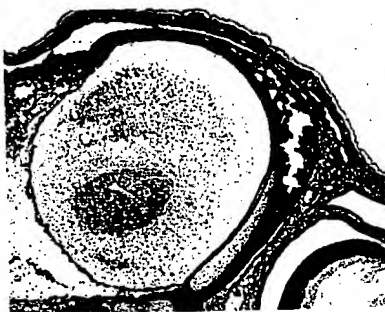
AB/HT



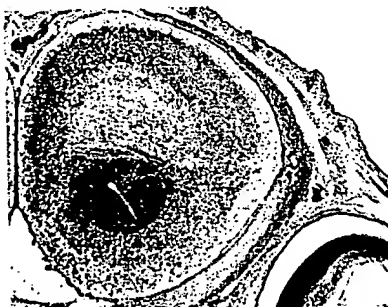
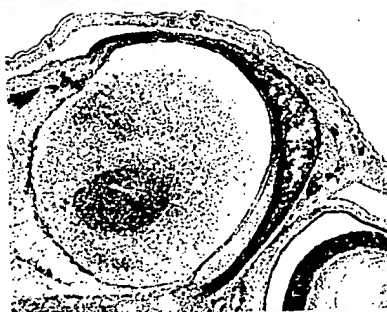
Von Kossa



Collal



BSP



Cbfa1



FIG. 5A

[illegible]

Osterix -/-

Cbfal

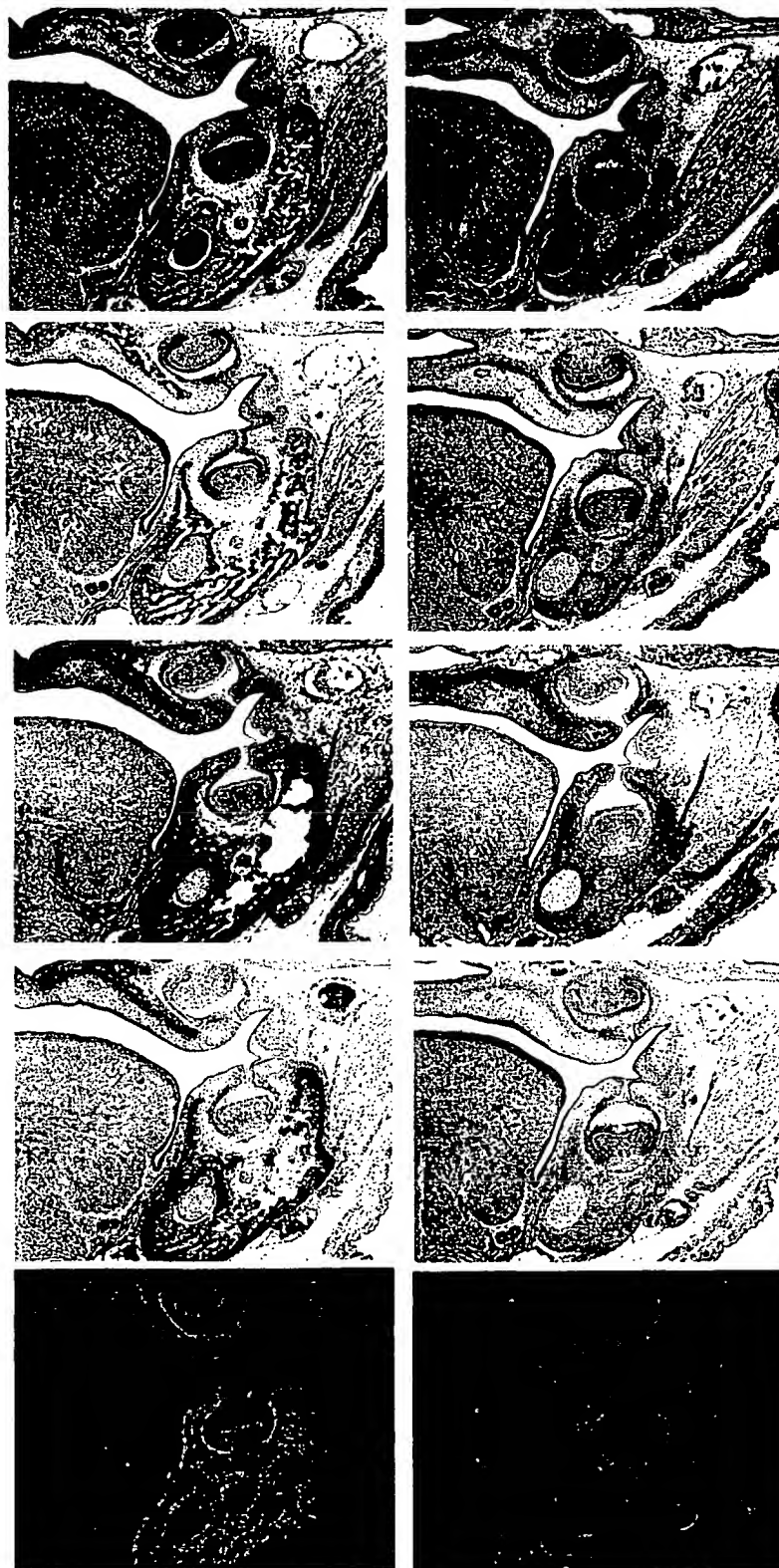


FIG. 5B

SECRET

Osterix -/-

Von Kossa

Collal

BSP

Cbfa1

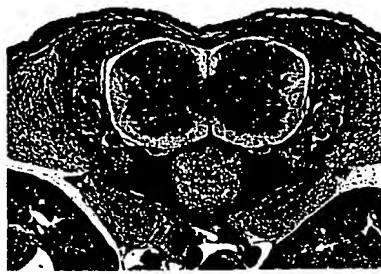
FIG. 5C

E16.5 Vertebrae

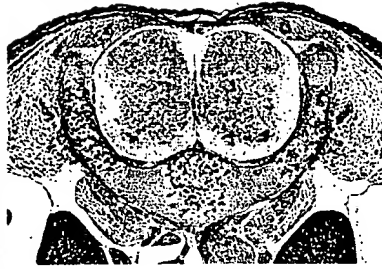
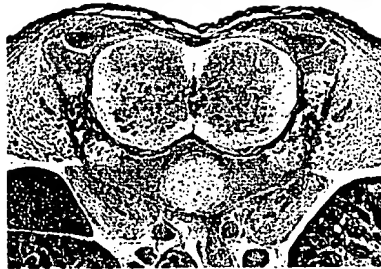
Osterix $+/+$

Osterix $-/-$

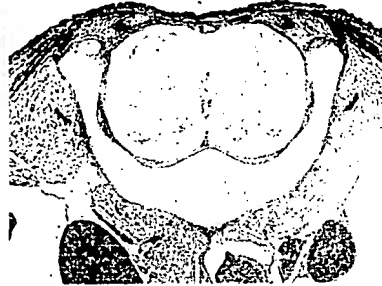
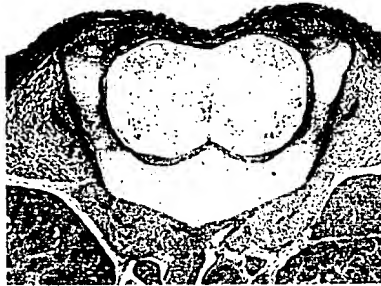
AB/HT



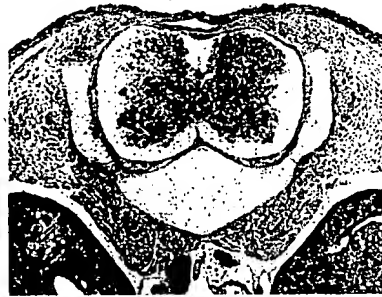
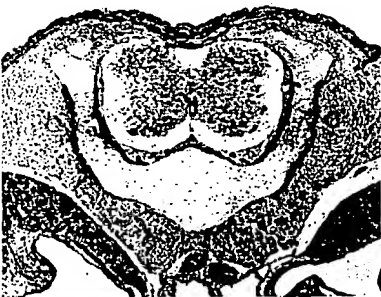
Von Kossa



Colla1



BSP



Cbfa1

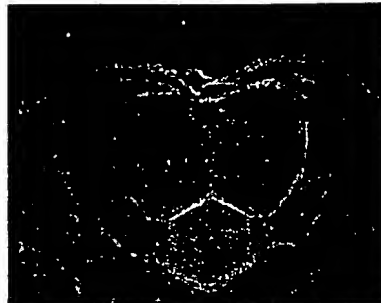


FIG. 5D

000ETT-62E4E/60

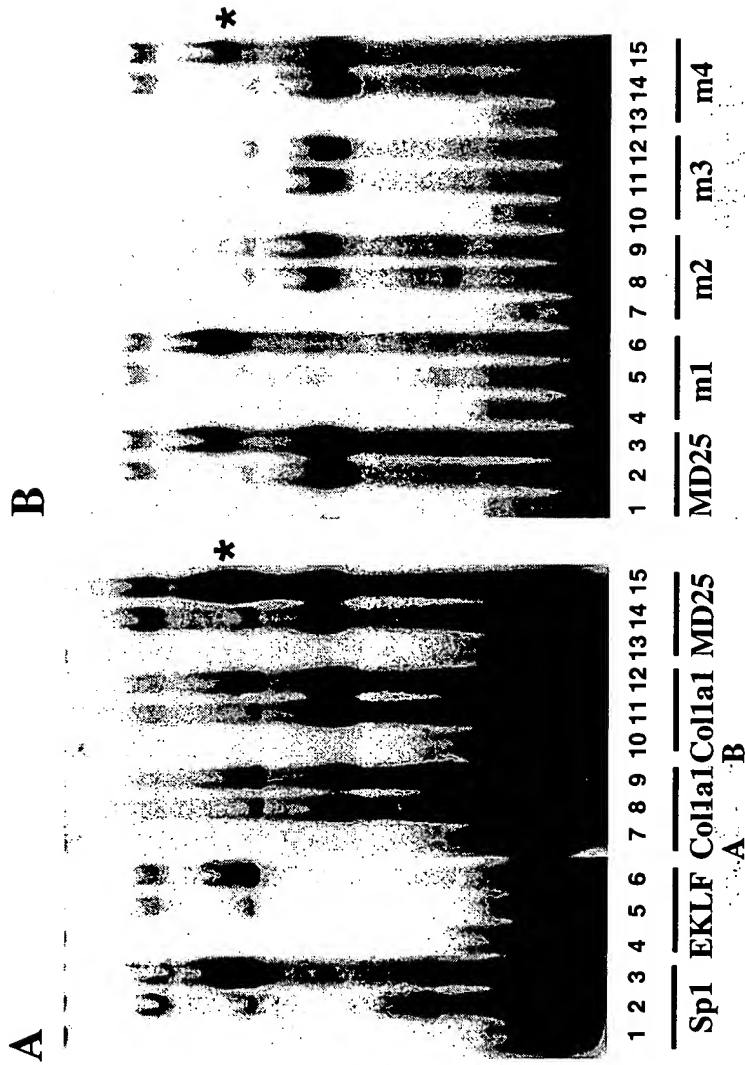
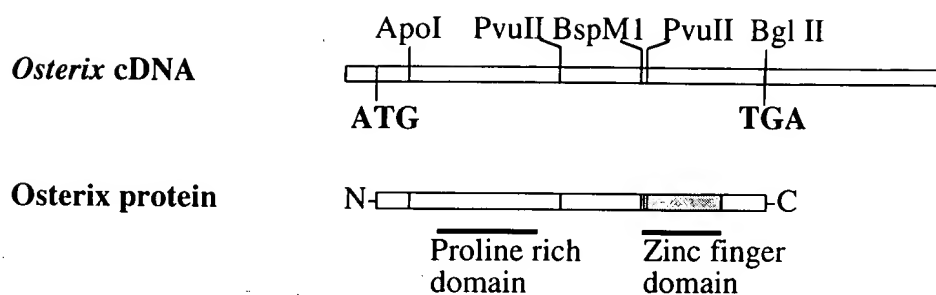


FIG. 6A

FIG. 6B

FIG. 7A

A



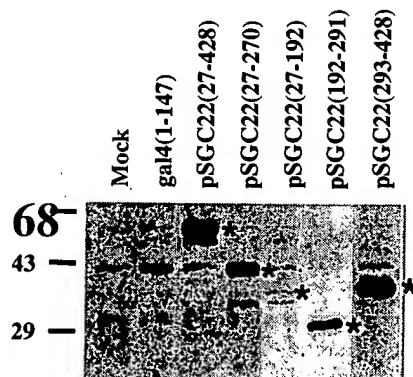
B

FIG. 7B

Constructs		Transcriptional activity
gal4(1-147)		1.0
pSGC22(27-428)		3.0
pSGC22(27-270)		127.3
pSGC22(27-192)		68.4
pSGC22(192-291)		0.6
pSGC22(293-428)		0.5

FIG. 7C

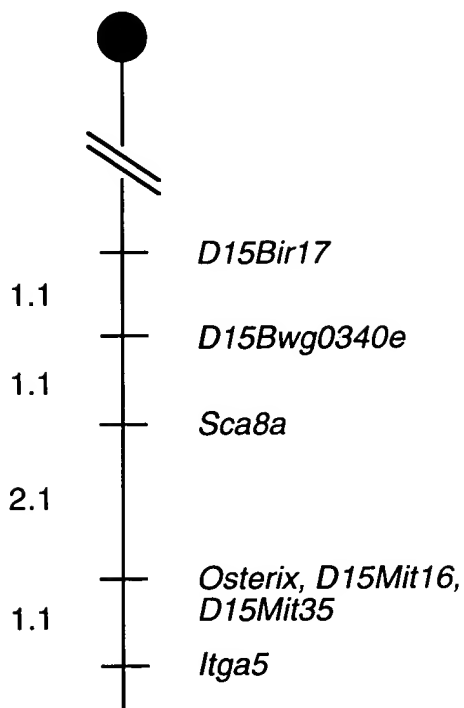
C



A

BSS Chromosome 15

FIG. 8A



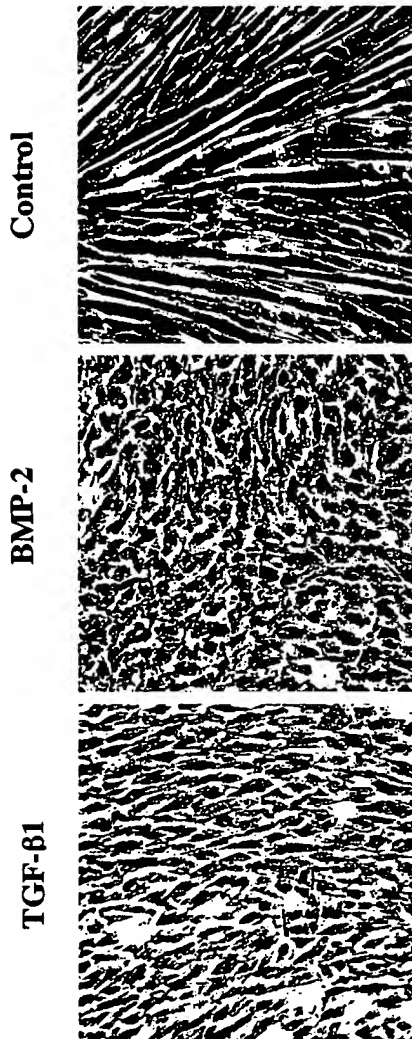
B

<i>D15Bir17</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>D15Bwg0340e</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Sca8a</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Osterix</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Itga5</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	42	47	1	0	1	0	2	0	1	0

FIG. 8B

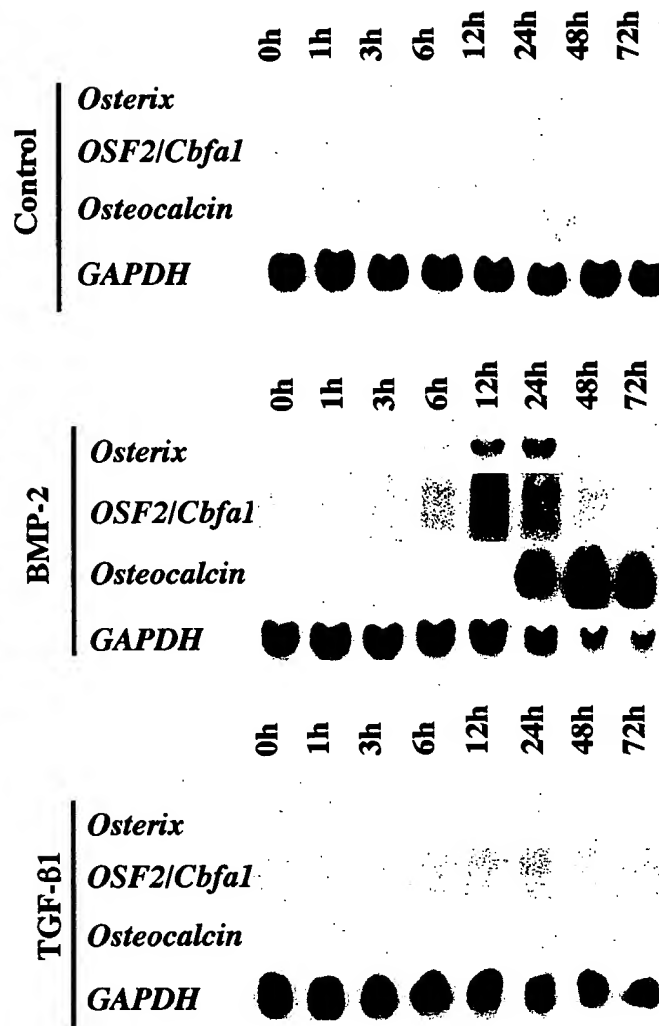
A

FIG. 9A



B

FIG. 9B



C

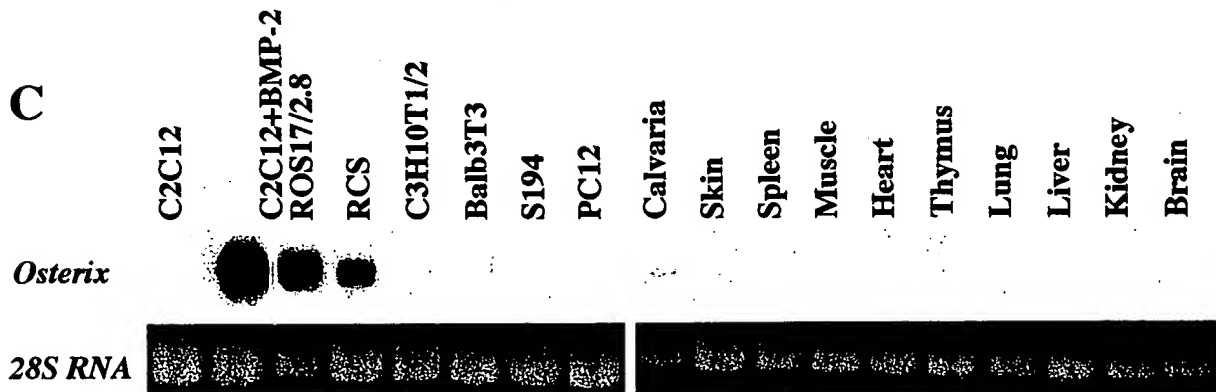


FIG. 9C

FIG. 10